

CLAIMS

IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-32. (Cancelled).

33. (Currently Amended) The ~~pharmaceutical composition~~ method of claim ~~31 55~~, wherein the extract or extract fraction ~~component, substance, fraction, or mixture thereof~~ comprises at least one bipolar-lipophilic molecule.

34. (Currently Amended) The ~~pharmaceutical composition~~ method of claim ~~31 55~~, wherein the extract or extract fraction ~~component, substance, fraction or mixture thereof~~ is selected from the group consisting of alkaloids, proteins, peptides, polysaccharides, glycosides, glycoproteins, sterols, ~~phosphatids~~ phosphatides, fatty acids, amino acids, and any combination thereof.

35. (Currently Amended) The ~~pharmaceutical composition~~ method of claim ~~31 55~~, ~~wherein the pharmaceutical composition is formulated~~ further comprising formulating the extract or extract fraction for oral application, topical application or parenteral application.

36. (Currently Amended) The ~~pharmaceutical composition~~ method of claim ~~31 55~~, ~~wherein the composition has a~~ further comprising preparing a formulation selected from the group consisting of an infusion solution, an injection solution, an orally administrable form, a gelatin-capsule, a tablet, a controlled release tablet, a granulate, a food supplement, an enema, and any combinations thereof.

37-39. (Cancelled).

40. **(Currently Amended)** The ~~pharmaceutical composition~~ method of claim ~~31~~ 55, wherein the ~~composition~~ extract or extract fraction is operable to regulate L Dopa by a mechanism selected from the group consisting of inhibiting L-Dopa metabolism, inhibiting dopamine metabolism, improving L-Dopa absorption, quickening the onset of L-Dopa efficacy, increasing the duration of L-Dopa efficacy, and any combinations thereof.

41-45. **(Cancelled)**.

46. **(Currently Amended)** The ~~pharmaceutical composition~~ method of claim ~~31~~ 55, wherein component, substance, fraction, or mixture thereof does not contain a pharmaceutically effective amount of L-dopa.

47. **(Currently Amended)** The ~~pharmaceutical composition~~ method of claim ~~31~~ 55, wherein the pharmaceutical composition further comprises at least one additional pharmaceutically active agent.

48-54. **(Cancelled)**.

55. **(Currently Amended)** ~~The method of claim 54, wherein extracting comprises~~ A method of preparing an extract or extract fraction of Mucuna pruriens seeds comprising:

extracting a seed of Mucuna pruriens with n-hexane to provide a first extract solution;

filtering the first extract solution to provide a first filter retentate;

extracting the first filter retentate with acetone to provide a second extract solution;

filtering the second extract solution to provide a second filter retentate;

extracting the second filter retentate with an approximately 1:1 mixture of water and ethanol containing approximately 0.5% ascorbic acid to provide third extract solution;

filtering the third extract solution to provide a third filter retentate;

repeating the extraction with an approximately 1:1 mixture of water and ethanol containing approximately 0.5% ascorbic acid at least four times using the third through a sixth filter retentate to provide a fourth through seventh extract solutions;

pooling at least two of the extract solutions to provide a pooled extract solution; and

concentrating the pooled extract solution to form an extract or extract fractions **containing at least one pharmaceutically active component, substance, fraction, or mixture thereof.**

56-57. (Cancelled.)

58. (Currently Amended) The method of claim ~~54~~55, further comprising solubilizing the extract or extract fractions in a solvent comprising DMSO, distilled water, or a mixture thereof.

59. (Currently Amended) The method of claim ~~54~~55, further comprising the extract or extract fraction in a form selected from the group consisting of comminuted form, in unmodified form, as granules, powder, precipitate, fraction, extract, dried extract, exudate, and any combinations thereof.

60. (Currently Amended) The method of claim ~~54~~55, further comprising formulating a pharmaceutical composition from the at least one pharmaceutically active component, substance, fraction, or mixture thereof including the extract or extract fractions.

61. (Cancelled).